

IN THE CLAIMS:

A complete listing of the claims and their status is as follows:

Claim 1. (Canceled)

Claim 2. (Canceled)

Claim 3. (Canceled)

Claim 4. (Canceled)

Claim 5. (Canceled)

Claim 6. (Canceled)

Claim 7. (Canceled)

Claim 8. (Canceled)

Claim 9. (Canceled)

Claim 10. (Canceled)

Claim 11. (Canceled)

Claim 12. (Previously presented) A multilateral orientation device as claimed in claim 29 wherein said orientation profile has an orientation opening therein.

Claim 13. (Previously presented) A multilateral orientation device as claimed in claim 29 wherein said opening is a slot.

Claim 14. (Previously presented) A multilateral orientation device as claimed in claim 29 wherein a surface of said orientation profile is positioned proximate the wellbore casing.

Claim 15. (Previously presented) A multilateral orientation device as claimed in claim 12 wherein said orientation opening extends along a wall of said tubular member from said orientation profile and is configured to receive a pin on a separate tool and to orient said separate tool.

Claim 16. (Canceled)

Claim 17. (Canceled)

Claim 18. (Previously Presented) A multilateral orientation device comprising:
a non-diverter tubular sleeve composed of a single piece of material at least a portion of which is circumferentially closed, said sleeve having a wall thickness selected to minimize restriction of a borehole in which the sleeve is installable, said thickness being insufficient to divert a tool and sufficient to orient a tool;
an expandable section of the sleeve, said section being radially expandable to assume a larger circumferential dimension such that an interference fit with a wellbore in which the device is to be deployed is achievable, said section of the sleeve being at a downhole end of the sleeve and having a lesser thickness than an uphole end of the sleeve; and
an orientation profile disposed at an axial end of said sleeve.

Claim 19. (Previously presented) A method for orienting a tool in a wellbore, comprising:
running a multilateral orientation device sleeve as defined in claim 29 into a tubing string in said wellbore;
anchoring said multilateral reference point sleeve to an inner surface of said casing;
running said tool into said casing;
causing a pin on said tool to engage an orientation profile on said multilateral reference point sleeve.

Claim 20. (Previously presented) A method for orienting a tool in wellbore as claimed in claim 26 further including causing said pin on said tool to engage an orientation opening on said orientation profile.

Claim 21. (Previously presented) A method for orienting a tool in wellbore as claimed in claim 26 wherein said opening is a slot.

Claim 22. (Previously presented) The method of claim 26 wherein said causing of said pin on said tool to engage said orientation profile rotates said tool into a desired orientation.

Claim 23. (Previously presented) The method of claim 22 wherein said causing of said pin on said tool to engage said orientation slot causes said tool to be retained in position.

Claim 24. (Canceled)

Claim 25. (Currently amended) A multilateral reference point sleeve, comprising:
a tubular member at least a portion of which is circumferentially closed, said member having a wall thickness selected to minimize restriction of a borehole in which said sleeve is installable, said member installable subsequent to installation of a casing in a wellbore ~~configured~~ to be received in direct contact with ~~a~~ the casing of ~~a~~ the wellbore, said tubular member having an uphole end and a downhole end, said uphole end defining an orientation profile configured to cause a pin on a separate tool to ride along said orientation profile causing said separate tool to orientate.

Claim 26. (Previously presented) A method for orienting a tool in a wellbore, comprising:
running a multilateral orientation device comprising a circumferentially closed single piece sleeve, said sleeve having a material thickness insufficient to divert another tool and sufficient to orient a tool, the sleeve further including at least a portion thereof configured to expand radially into interference contact with said wellbore;

expanding said multilateral orientation device to achieve an interference fit with an inner surface of said wellbore to permanently anchor said multilateral orientation device in said wellbore;

running said tool into said wellbore;

causing a pin on said tool to engage an orientation profile on said multilateral orientation device sleeve such that said tool is oriented by an interaction between said pin and said orientation profile.

Claim 27. (Previously presented) A method for orienting a tool in wellbore as claimed in claim 19 wherein said opening is an orientation slot.

Claim 28. (Previously presented) The method of claim 22 wherein said causing of said pin on said tool to engage said orientation slot causes said tool to be retained in an orientated position.

Claim 29. (Previously Presented) A multilateral orientation device comprising:

a non-diverter tubular sleeve composed of a single piece of material at least a portion of which is circumferentially closed, said sleeve having a wall thickness selected to minimize restriction of a borehole in which the sleeve is installable, said thickness being insufficient to divert a tool and sufficient to orient a tool;

an expandable section of the sleeve, said section being radially expandable to assume a larger circumferential dimension such that an interference fit with a wellbore in which the device is to be deployed is achievable; and

an rotational orientation profile disposed at an axial end of said sleeve.

Claim 30. (Previously Presented) An orientation device comprising:

a single-piece unitary sleeve, at least partially circumferentially closed, having at least a portion thereof configured to be expandable such that the single-piece unitary sleeve exhibits a first circumference prior to being expanded and a second circumference subsequent to being expanded; and

an rotational orientation profile disposed at said single-piece unitary sleeve configured to orient tools passing at least partially through said device.